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MADRAS RECORD OFFICE

Government of Madras

Public works DEPARTMENT

G.O. No.	2343	Press
~~B.P. No.~~ 342-343		~~Mis.~~
Dated	22. 9.	~~195~~1873

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
***22nd** September* **1873.**

No. 342. Read the following Proceedings of the Board of Revenue, dated 2nd August 1873, No. 1,472 :—

ABSTRACT.—*Public Works* in Madura District.—Report from Collector on progress of—during 1872-73 submitted to Government with remarks.

No. 343. ORDER THEREON, 22nd September 1873, No. 2,343.

ESTABLISHMENT, No. 37.

COMMUNICATED to the District Engineer, Madura.

2. The balances required to complete the Sub-Magistrate's Office at Tiruchulay and the Sea Custom-house at Tondy have been provided in the orders of the 14th July 1873, No. 1,803, and progress with the works has not been suspended for want of previous allotments conformably with G. O., No. 131, of 18th March 1873.

3. The outlay on Agricultural repairs having been upwards of 42 per cent. in excess of that of the previous year, His Excellency the Governor in Council has no doubt that the expenditure, though short of the funds available, was as great as could be effectively incurred with the superintendence available.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Madura.
,, Chief Engineer for Irrigation.
,, Board of Revenue.
,, Revenue Department.

Exd. E C. Shunker.
Spare Copies.

No. 1,472.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 2nd August 1873.

Read the following letter from W. McQUHAE, Esq., Collector of Madura, to J. GROSE, Esq., Secretary to the Board of Revenue, dated Pereakulam, 16th June 1873, No. 184 :—

HAVE the honour to submit the usual Annual Report on the progress of blic Works in the district during 1872-73, with a detailed Statement of work done.

2. The annexed abstract shows the expenditure incurred under each major head, as compared with that of the previous year—

Description.	Amount of allotment for the year 1872-73.	Expenditure of 1871-72.	Expenditure of 1872-73.	Increase.	Decrease.
NEW WORKS.	RS.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Civil buildings ...	37,460	13,378 8 9	29,463 3 9	16,084 11 0	......
Communications.	24,472	65,133 2 8	24,369 7 4	......	40,763 11 4
Agricultural ...	4,000	9,442 15 8	2,813 14 2	......	6,629 1 6
Salt works ...	9,194	1,725 0 0	333 14 11	......	1,391 1 1
Tools and Plant...	690	876 15 1	881 0 0	4 0 11	......
Total ...	75,816	90,556 10 2	57,861 8 2	16,088 11 11	48,783 13 11
REPAIRS.					
Civil buildings ...	7,008	3,184 13 4	5,900 1 10	2,715 4 6	......
Communications.	4,564	69,510 10 7	2,167 12 8	......	67,342 13 11
Agricultural ...	46,000	26,025 13 9	37,402 12 3	11,376 14 6	......
Salt works ...	645	448 6 6	320 12 2	......	127 10 4
Tools and Plant...	840	1,368 15 4	274 0 0	......	1,094 15 4
Total...	59,057	1,00,538 11 6	46,065 6 11	14,092 3 0	68,565 7 7
Grand Total...	1,34,873	1,91,095 5 8	1,03,926 15 1	30,180 14 11	1,17,349 5 6
Net Decrease...	......	......	......	......	87,168 6 7

3. The expenditure during the year is Rupees 1,03,926 against Rupees 1,91,095 in the preceding year, showing a net decrease of Rupees 87,168. This decrease is due chiefly to the exclusion from the accounts of the amount spent from Local Funds on roads. Seventy-seven per cent. of the allotment was utilized, leaving an unspent balance of Rupees 30,947, and this short expenditure appears in almost all the items.

4. New Works—*Civil Buildings.*—There is an increase of Rupees 16,084 under this head. The buildings on which any considerable sum was spent are the following :—

		RS.
Restoring a portion of Tirumal Naick's Palace	...	13,261
Constructing a New Sub-Magistrate's Cutcherry at Tiruchuly	...	1,952
Addition to the Subsidiary Jail at Ramnad	...	1,318
Constructing Wards in the vicinity of the New Jail for the accommodation of Civil Debtors	...	4,525
Constructing Sea-Customs House at Tondy	...	1,400
Improving the Taluq Cutcherry and Subsidiary Jail, Dindigul	...	1,315

5. The Sub-Magistrate's Cutcherry at Tiruchuly is still incomplete, and requires nearly 5,000 Rupees to complete it, but no allotment was made for it in the current year's Provincial Budget. The want of a suitable building for a Sub-Magistrates' Office at this station is greatly felt, and it is necessary that the building should be finished soon.

6. An estimate was sanctioned for constructing a Sea-Custom House at Tondy at a cost of Rupees 3,550, and Rupees 1,400, were spent in the year under report, but although the building is now left in an incomplete state, no provision has been made in the current year's Budget for finishing it.

7. *Communications.*—There is a considerable decrease in the expenditure under this head, owing to the transfer of all the District Roads to the Local Fund Boards. The sum of Rupees 24,369 entered under this head was spent on the three works noted in the margin.

	RS.
1. Ghaut Road in connection with the Periyar Project	19,898
2. Cutting the inner angle of the Reef Channel, Paumben...	1,471
3. Deepening the Paumben Channel...	3,000

8. *Agricultural.*—The expenditure during the year (Rupees 2,814) falls short of that of the preceding year by Rupees 6,629. This is attributable to no money having been spent on the Periyar Project, while Rupees 8,565 were spent on that work in 1871-72. No new works worth notice have been undertaken during the year, the whole of the money under this head having been laid out on masonry works connected with existing Irrigation channels, etc.

9. As stated in paragraph 9 of my last report, the Conservancy Establishment of the Nelayur Channel alone is still maintained.

10. *Salt Works.*—A sum of Rupees 334 was spent during the year, being a decrease of Rupees 1,391. Several of the works provided for in the Budget were not commenced for want of estimates,* or were stopped in consequence of the revision of certain estimates having become necessary and this accounts for the small expenditure under this head.

* *Vide*—Letters to Board, dated 7th September 1872, No. 267.
Do. 5th May 1873, No. 130.
Do. 17th ,, ,, ,, 148.

11. Repairs—*Civil Buildings.*—The expenditure incurred under this head is Rupees 5,900 which is in excess of that of the preceding year by Rupees 2,715.

A great portion of the amount was spent on the buildings noted below and the remainder on petty repairs to Public buildings—

		RS.
Repairing	Munsif's Court House at Manamadura	464
Do.	The New Jail at Madura	2,056
Do.	Post Office at Madura...	306
Do.	Small Cause Court at Madura	631
Do.	Sea-Custom House at Devipatam	495
Do.	Pilot Office at Paumben	300

12. *Communications.*—Under this head Rupees 2,167 were laid out on two items only, viz., maintenance of the Sand Bank Channel at Paumben, Rupees 2,000, and repair of Salt Roads, Rupees 167. The great falling off is the result of the omission of the expenditure on communications proper which were transferred to the Local Fund Boards as stated above.

13. *Agricultural.*—There is an increase of Rupees 11,376 under this head but the expenditure still falls short of the allotment by Rupees 8,593. Several important works were repaired and put in good order, and it is evident that more attention has been paid during the year to these important works.

14. *Salt Works.*—The expenditure is less than that of the preceding year, and no additional sum was necessary to maintain the Salt works in good order.

15. As required by the Standing Circular No. XXXI. of 1861, the reports of the Sub-Collector and the Head-Assistant Collector on Public Works in their respective divisions are herewith submitted.

16. With reference to paragraphs 13 and 14 of the Sub-Collector's report, I have requested the District Engineer to furnish me with a report on the projects suggested by Mr. Bliss, and also to forward to me, through the Sub-Collector, all estimates for work to be executed in the Sub-division.

ENCLOSURE No. 1.—Detail of Statement of work done.

ENCLOSURE No. 2.

From H. W. BLISS, Esq., Acting Sub-Collector, to W. McQUHAE, Esq., Collector of Madura, dated Shembaganur, 6th June 1873, No. 163.

I HAVE the honour to submit the usual Report on the progress of Public Works in the Sub-division during the past Official year.

2. The expenditure was as follows :—

Original Works.

—	By D. P. W.			By Rev. Dept.	
	Imperial.	Provincial.	Local.	Imperial.	Local.
	RS.	RS.	RS.	RS.	RS.
Civil buildings	...	2,403	...	...	...
Agricultural	...	...	...	...	...
Communications	...	...	20,653	...	...
Total...	...	2,403	20,653	...	...

Repairs.

	By D. P. W.			By Rev. Dept.	
	Imperial.	Provincial.	Local.	Imperial.	Local.
	RS.	RS.	RS.	RS.	RS.
Civil buildings	...	606	...	...	...
Agricultural	3,656	...	...	...	...
Communications	...	...	17,505	...	1,214
Total...	3,656	606	17,505	...	1,214

3. There is an increase under all heads of expenditure, except repairs to communications (local), as compared with the preceding year, as shown below :—

			1871-72.	1872-73.	Difference.
			RS.	RS.	RS.
Original.	Civil Buildings	... ...	1,434	2,403+	969
	Agricultural	... ...	...	...	...
	Communications	... ...	12,320	20,653+	8,333
Repairs.	Civil Buildings	... ...	599	606+	7
	Agricultural	... ...	933	3,656+	2,723
	Communications	... ...	19,795	18,719—	1,076
				Net increase	... 1,0956

4. The following items require brief remark—

5. Original—*Civil Buildings.*—Rupees 1,316 have been spent on the completion of the new Record-room and Tahsildar's room in the Dindigul Taluq Cutcherry. So far as I can judge, the work has been very well and substantially done, and the new rooms will be a great convenience. Unfortunately, owing to delays in your Office, sanction has not yet been obtained for the cost of erecting Record-stands, and the Record-room has, therefore, for several months remained unutilized.

6. Rupees 220 have been spent on the completion of the Police Station at Battalagundu. The work has been well done, and the station is a neat and substantial building, in every way fitted for the purpose for which it is intended.

7. The remaining expenditure under this head has been on digging of foundations, preparation of materials, etc., for the new Taluq Cutcherry at Pulni, which has so long been urgently required, and is at last commenced.

8. *Communications.*—There has been a considerable increase of expenditure under this head, and I am glad to be able to say that the road from Dindigul to Pulni is now almost finished, and that from Pulni to Dharapuram almost half completed. Further detailed notice of works coming under this head does not appear necessary, as the subject will be fully gone into in the Local Fund Report.

9. Repairs—*Civil Buildings.*—These have consisted of ordinary repairs to the Sub-Collector's house and Office at Dindigul, and the Public Works Department Range Office at the same place, and call for no detailed notice.

10. *Agricultural.*—The expenditure under this head still continues very low as compared with the amount of revenue derived from the works of irrigation in the Sub-division, but there is a very gratifying increase as compared with the miserable sum expended in the previous year, which might not improbably have been greater but for the frequent changes during the twelve months of the Officers in charge of the range.

11. None of the repairs executed during the year are of importance, sufficient to call for detailed notice.

12. *Communications.*—As these will be more particularly noticed in the Local Fund Report it will be sufficient to state here that the roads generally have been maintained in fair order.

13. Suggestions for the future.—There are no pressing wants in the way of Public Works other than communications (local), now that the construction of a new Taluq Cutcherry at Pulni has been commenced, except an Office for the Hill Sub-Magistrate, as to which I have addressed you separately. As funds are available, however, steps should be taken for the erection of a Cutcherry for the Vedasandur Deputy-Tahsildar and Magistrate, who now holds office in a disused building, formerly erected for a school, which he has improved and fitted up *at his own cost.* I should also be glad if something could be done for the investigation of the project mentioned in paragraph 14 of my letter No. 113, dated 19th April 1869, (and embodied in Board's Proceedings No. 7,210, dated 29th September 1869), and for the improvement, and regulation of the distribution of the water of the channel which supplies the big tank at Pulni and four others close by, which also is alluded to in paragraph 17 of the same letter. I have frequently pressed this last subject on the attention of every Range Officer who has been in Dindigul (except the present one, Mr. Hawksworth, who has only just joined) since the beginning of 1869, but entirely without avail; not the slighest notice that I am aware of, and certainly no action having been taken on my representations of the loss of revenue that is annually sustained through neglect to make the improvements which are required, and the cost of which I feel convinced would be recouped in a very few years.

14. I will also take this opportunity of bringing to notice a point in which I think a slight change of procedure would greatly add to efficiency. As matters now are, estimates for works in the Sub-division are forwarded by the District-Engineer to the Collector for sanction, without my knowing anything about them. Now it is evident that I am in a better position to judge of the necessity of repairs, and of the sufficiency of estimates for works in the Sub-division than the Collector can be. I think therefore that such estimates should pass through my Office from the District Engineer to the Collector. If this ensured nothing else, it would ensure that I should be kept informed of what is going on with regard to repairs, etc., of irrigation works of which at present I am in entire ignorance.

Enclosure No. 3.

From C. A. BIRD, Esq., Acting Head-Assistant Collector, Ramnad, to W. McQUHAE, Esq., Collector of Madura, dated Tiruchuly, 26th May 1873, No. 128.

I have the honour to submit the usual Annual Report (1872-73) on the state of the roads in my Division, as required by the Board's Standing Circular Order, dated 7th November 1865, No. 81.

Road No. 13 *leading from Paumben to Palghat via Ramnad and Madura.*—The portion between Madura and Tirupuvanum is in a good state. The rest of the road, *i. e.*, between Tirupuvanum and Manamadura has been repaired under the Budget allotment of Rupees 20,000; some parts between Madura and Permakudy are under repair on the above grant, and some are not touched. In several places the avenue trees should be replanted, the same is the case with the portion between Permakudy and Ramnad, but less has been done here. These two portions were impassable during rainy season, but will, I hope, soon be put into good order. Materials are collected for the erection of a large culvert or stone pavement across the surplus channel of Ramnad large tank, but the work is not begun. Two tunnels are reported to have been damaged between Ramnad and Munjur.

The portion from Ramnad *via* Paumben to Ramiswaram is merely a sandy track. The District Engineer who visited Paumben in the end of December 1872 proposed an outlay of Rupees 4,000 to replace the tramway between Ramiswaram and Paumben, and suggested that the cost should be contributed by the Devastanam Manager, who was consulted on the point, and stated that he will himself undertake the work when funds are available if bandy traffic be prohibited. I am of

opinion that there is no immediate need of the proposed repairs as the present tramway does very well for walking on—*Vide* my letter to the President of the Local Fund Board, No. 29, dated 5th February 1873.

Road No. 14 *from Tondy to Manalur via Shevagangah.*—Since my last report it appears that the portion between Tondy and Atchenkudy (six miles) has not undergone any repair though it is completely cut up into ruts and gullies; ten miles between Atchenkudy and Paluvankadu is under repair, one bridge has been re-built, and another newly erected. Another bridge near Tiruvadanai is under construction. The eight miles of the road between Paluvankadu and Uruthikottai have been repaired with gravel and are in good order, but a large bridge situated at the seventh mile-stone is broken, causing a good deal of inconvenience during wet weather. The remainder of the road which goes from Shevagangah to Manalur at the junction of Road No. 13 is in tolerable condition.

Road No. 12 *from Tondy to Dindigul by way of Tirupattur.*—The road between Vattanam and Devakottai which was raised and turfed on both sides has been since cut in some places into ruts, which require repair. There should be a maintenance grant. The other portion between Devakottai up to Singunupunari in the extremity of the Shevagangah Zemindari is in good condition.

Road No. 5 *from Melur to Pudukottai via Tirupattur.*—In good condition.

Road No. 8 *or Coast Road.*—This road is in the same state as reported in the last year. A suggestion was made by me to have it reconstructed as it is in bad condition.—*Vide* my letter to the President of the Local Fund Board, No. 10, dated 14th January 1873.

Road No. 21 *between Soyelgudy and Topur.*—This is in the same state as last reported. Nothing was done to it in the year under review.

Road No. 9 *between Ramnad and Camuthy.*—Is in very bad order, impassable for bandies, several culverts and bridges are necessary. Avenue trees also should be planted in places of those decayed.

Branch Cotton Road leading to Tutikorin from Madura via Aviyur.—The portion between Arupukottah and Paudalakudy is good, that between Arupukottah and Palayamputty, viz., two miles is in bad order, that between Palayamputty and Ramanjipuram is in fair condition and that between Ramanjipuram and Aviyur is under repair.

The two undermentioned cross roads not included in my last report have been attended to this year.

Cross road from Manamadura to Shevagangah.—Portions of this road have been repaired, and some portion is still under repair.

Cross road from Shevagungah to Eliankudy.—Ten miles of this road have been made this year.

BUILDINGS.

Paumben.—The Sea-Custom house and Sub-jail have been completed and made over by Department Public Works.

Sub-Magistrate's Office at Ramnad.—There is a leak in the roof at the north-west corner, and a portion of the northern outer wall and the tiled roof of the Record-room require some small repairs. Otherwise it is in good order.

Subsidiary Jail at Ramnad.—Now completed and in good order.

Shevagunga Sub-jail and Sub-Magistrate's Office.—Very inconvenient. I would recommend that new buildings should be erected here.

Subsidiary Jail at Tirupattur.—The Sub-Magistrate's Office, Subsidiary Jail and Hospital are in one compound. Sub-Magistrate's Office leaks in some places, and some of the tiles of the roof in the front of the building having fallen down; some of the tiles of the roof of the cook-room used by convicts have fallen, and some of them are likely to do so. The southern compound wall of the Subsidiary Jail being lower than the other walls renders the jail insecure. One convict has already escaped by that means. Consequently it requires to be raised. There is no

separate room for the Treasury. The cash chest is now delivered to the Police, who secure it in their record-room. The Deputy Tahsildar suggests that the Department Public Works should be requested to inspect the buildings and prepare estimates of needful improvements at once.

Subsidiary Jails at Mudugulattur and Tiruchuly.—New buildings were sanctioned and commenced upon. The walls are raised, but the remaining part of the works is not finished, some steps should be taken to complete them at once. It is said that materials are being collected but it does not appear so.

Subsidiary Jail at Tiruwadanai.—Since my last report a new Police Station has been constructed. The Sub-Magistrate suggested some improvement as a temporary measure to the building which he now uses as his Office as represented in my last report. I intend to inspect the locality myself as soon as possible and will make a separate proposal.

SUBMITTED for the information of Government.

2. The large decrease in expenditure, Rupees 87,168, is nominal and consequent on the transfer of most of the communications to Local Funds. Only 77 per cent. of the total allotment was expended leaving a balance of Rupees 30,947.

3. *Civil Buildings.*—The chief item of expenditure under this head is Rupees 13,261 on the restoration of Tirumal Naick's Palace. A considerable sum was also spent in providing Office and Jail accommodation at different places. It is desirable that funds should be provided as soon as possible for the completion of the Sub-Magistrate's Office at Tiruchuly and the Sea-Customs House at Tondy, two buildings that are much needed.

4. *Communications.*—The chief items of expenditure are Rupees 19,898 on the ghaut in connection with the Periyur project and Rupees 4,471 on the Paumben channel.

Agricultural New Works.—No work of importance was undertaken.

5. *Salt Works.*—The expenditure was only Rupees 334.

6. *Agricultural Repairs.*—More was done than during the previous year but the lapse of Rupees 8,598 out of an allotment of Rupees 46,000 under a head of such importance is much to be regretted.

(True Copies and Extract.)

J. Grose
Secretary.

To the Secretary to Government, Public Works Department,
with one original Statement, to be returned.

Copy to the Acting Secretary to Government, Revenue Department.
,, to the Collector of Madura, with two original enclosures, returned.

Exd. G. A. Turton.

No. 4514.

1873.

Board of Revenue,

MADRAS.

Proceedings, 2nd August 1873, No. 1,472.

Despd. 13 August/73.

Encl. 1

Received 14th August/73.

AUGUST.

No. 1,472.

Public Works—in Madura District.—Report from Collector on progress of — during 1872-73, submitted to Government with remarks.

No. 342

No. 2343 - 22d Septr/73

113

No. 2343 Public Works Department

Proceedings of the Madras Government

Read the following

Pro: of the Board of Revenue | F. E. No. 14728 | 2nd Augt/73 |

Communicated to the District Engineer Madura.

S. O. S.

The balances required to complete the Sub Magistrate's Office at Tiruchulay and the Sea Custom House at Tondy have been provided in the orders of the 14th July 1873

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-diture, though short
of the funds available,

133

was great as could be effectively incurred with the superintendence available.

G.N.W.

4 7/6

D.E. Manners
Ch Engr for Irrign
Bd of Rev. North ... with Recs of the Bd.
Rev Dept S.C. Intd 26/9/73

No 322-43.

N.o 342-43.

Cir 22

No. 4574

Govt. of {1873} Madras.

PUBLIC WORKS.

To The District Engr
Madura

Dated

Recd.

Encl.

G. O., 22nd Septr 1873, No. 2343.

Nos. 3412 & 3413

Public Works in Madura District. Passing orders on Pro of the Bd of Rev: on Collector's report on Public Works for 1872/73